

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Monika Kannadaguli

GENERAL INFORMATION:

Name:	Heaven Hill Distilleries, Inc.
Address:	1064 Loretto Road, Bardstown, Kentucky 40004
Date application received:	Jan 15, 2003
SIC/Source description:	2085
EIS #:	21-179-00005
Application log number:	55458
Permit number:	F-03-024

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

#### EMISSIONS SUMMARY:

<b>Pollutant</b>	<b>Actual (tpy)</b>	<b>Potential Emissions (tpy)</b>
PM/PM <sub>10</sub>	1.4/4.2	5.72/8.52
SO <sub>2</sub>	0.22	90.00
NO <sub>x</sub>	36.79	36.79
CO	30.91	30.91
VOC	18.09+1457.71(fugitive)	89.58+2153.71 (fugitive)

#### **SOURCE DESCRIPTION:**

Heaven Hill Distilleries, Inc. is proposing renewal of their Federally enforceable permit (Permit Number: F-97-018, expired on January 22, 2003) to operate their existing whisky processing and bottling plant located at Bardstown, KY. The primary emission units from the source are listed below:

Emissions Unit: 01 (05-1)	Barrel Aging
Emissions Unit: 02 (06-1)	Barrel Dumping
Emissions Unit: 03 (07-1)	Outside Storage Tanks
Emissions Unit: 04 (07-2)	Inside Bottling Tanks
Emissions Unit: 05 (08-1)	Bottle Filling Lines
Emissions Unit: 06 (09-1)	Equipment Leaks
Emissions Unit: 07 (13-1)	Bottling House Cooling Tower
Emissions Unit: 08 (10-1 & 10-2)	Indirect Heat Exchangers
Emissions Unit: 09 (10-3)	Indirect Heat Exchangers

#### **EMISSION AND OPERATING CAPS DESCRIPTION:**

The potential emissions of process volatile organic compounds (VOC) and sulfur dioxide are more than 100 tons per year from the source operating at full capacity. However, the permittee decided to accept emission caps to stay under major source thresholds as defined in Regulation 401 KAR 52:030. Process VOC and sulfur dioxide emissions are limited to less than 100 tons in any consecutive 12 months.